Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Math 8 / Science Checklist: Q2 W1&W2 October 31st – November 9th**

**Big Ideas:**

|  |  |
| --- | --- |
| **Math*** Decimal/Fraction Conversions
* Finding Repeating Decimals
* Classifying, Ordering and Comparing Rational and Irrational Numbers
 | **Science** * Water quality
 |

**Upcoming Dates:**

* 11/2: Hadron seminar (\_\_\_\_\_%)
* 11/3: Math Test: Equations and inequalities(\_\_\_\_\_%)
* 11/13: Water Seminar (\_\_\_\_\_%)

**Shelfwork:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Math Lesson #1:Decimal/fraction conversions and repeating decimals | Science Lesson #1: Water Quality | Math Lesson #2Classifying, ordering and comparing rational and irrational #’s | Choice Reloop(from previous checklists) |
| Explore  | * Fractions as decimals versatiles (\_\_\_\_✓, M, 0)
* Repeat after me! versatiles (\_\_\_\_✓, M, 0)
* Fraction/decimal patterns (\_\_\_\_✓, M, 0)
 | * Water health investigation (\_\_\_\_✓, M, 0)
* Stream study (\_\_\_\_✓, M, 0)
 | * Real number hexagon (G) (\_\_\_\_✓, M, 0)
* Rational thoughts Versatiles (\_\_\_\_✓, M, 0)
* Rational vs irrational card layout (\_\_\_\_✓, M, 0)
 | * Choice Explore from previous checklist(\_\_\_\_✓, M, 0)
* Choice Explore(\_\_\_\_✓, M, 0)
* Choice Explore(\_\_\_\_✓, M, 0)
 |
| Expand | Choose 1:* Create a product (see sheets in expand binder) (\_\_\_\_\_%)
* Applying repeating decimals independent practice (\_\_\_\_\_%)
 | * Water Seminar (\_\_\_\_\_%)
* Properties of water stations lab (G) (\_\_\_\_\_%)
 | Choose 1:* Create a product (see sheets in expand binder) (\_\_\_\_\_%)
* Comparing and ordering real numbers (\_\_\_\_\_%)
 | * Create a product (see sheets in expand binder) (\_\_\_\_\_%)
* Practice exercises (pg. 273 - 274) (\_\_\_\_\_%)
* Practice exercises (pg. 297 - 298) (\_\_\_\_\_%)
 |
| Extend | * Apply: How can you decide which team is best? (pg. 47-48 purple book) (\_\_\_\_\_%)
 | * Depending on America’s Wetlands Elaborate with STEM, Wetlands

Strip mall Vs. Wetlands Disc. Ed debate (\_\_\_\_\_%) | * Apply: How can you decide which team is best? (pg. 57-58 purple book) (\_\_\_\_\_%)
 | Choice Apply from purple book: (\_\_\_\_\_%)* pg. 275-276
* pg. 299-300
 |



**Work Plan:**

|  |  |
| --- | --- |
| Week 7 | Week 8 |
| Monday: | Monday: |
| Tuesday: | Tuesday: |
| Wednesday: | Wednesday: |
| Thursday: | Thursday: |
| Friday: | Friday: |

**Homework:** (All assignments are due the next day you have Math and MUST be checked with the control if not a video/lesson):

* Tuesday 10/31: 1 Changing decimals to fractions in simplest form/ 2 Changing fractions to decimals using long division/ 3 Finding repeating decimals using an equation with notes
* Wednesday 11/01: Water quality video with notes
* Thursday 11/02: Study for math test tomorrow
* Friday 11/03 Organize binder and complete missing work as needed
* Monday 11/06: 1Estimating the value of irrational numbers / 2 Rational vs Irrational numbers- classifying, compare and order with notes
* Tuesday 11/07: Organize binder and complete missing work as needed
* Wednesday 11/08: Organize binder and complete missing work as needed
* Thursday 11/09: Oceans and climate video and notes (check-in next week)